

Buenos Ayres, South America, has decided on yellow pine as the best timber for the purpose, and their works will require many feet of this class of timber.

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THE railway statistics of the Dominion up to June 30 last year have just been completed. The total miles of completed railway in the Dominion were 12,701. Capital paid \$727,000,000; government bonuses paid, \$134,000,000; earnings, \$42,159,152; working expenses, \$30,652,046; net earnings, \$11,500,000.

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THE Illinois legislature has passed resolutions requesting Congress to construct a ship canal connecting lakes Michigan and Superior, commencing at a point on the Little Bay de Noc, Lake Michigan, up to the Whitefish river, down the Au Train river to Au Train Bay, on Lake Superior, thus saving to commerce over five hundred miles in the round trip between Chicago and Duluth.

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HON. MR. COSTIGAN has given notice of a resolution to provide that the rates and dues payable under the Cullers Act and the classification therein set forth may be changed by Order-in-Council, and to make better provisions respecting the reduction of the number of cullers and the annuities payable in consequence, and to provide that culling and measuring under the Act shall be compulsory only in respect of square and waxy timber.

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A NEW transcontinental railway route is contemplated. The Spokane Falls and Eastern Railway company has been organized with a capital of \$5,000,000. The company will build a line east from Spokane Falls, Washington Territory, to some point on the St. Paul, Minneapolis and Manitoba road, connecting the Manitoba with the Seattle and Lake Shore and forming a new line from St. Paul to Puget Sound on the Pacific.

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THE E. B. Eddy Mfg. Co., of Hull, Province of Quebec, having decided to retire from the wholesale manufacture and sale of lumber and timber in order to devote more time and attention to the other branches of their manufacturing business at Hull, will offer for sale by public auction at the Russel House, Ottawa, on Wednesday, August 14th, their immense timber limits with all improvements. For particulars see advertisement in another column.

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LESS than ten years ago, the treatment of drying Yellow Pine boards by artificial means was unknown, and considered impracticable by many, but the requirements of the trade demanded the adoption of some method of more rapid seasoning, in order to produce a finished article in the least possible time, and the result has been in every way advantageous to the lumber interest and settled the question the doubts as to the superiority of kiln-dried over that of air-dried lumber.

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FROM the latest statistics of the Colonial Office for 1889, it appears that the British Empire, India included, embraces no less than 9,289,000 square miles, with a population of 328,000,000 souls. Other statistics which help one to realize the wealth of the British Colonial Empire are those relating to railways. There have been built in the colonies during the last half-century 45,000 miles of railway at a cost of about £400,000,000. Indeed the growth of the Colonial Empire is so continuous and so rapid, that statistics of a few months old are sure to be much below the mark.

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WE are in receipt of a business card from Albert J. Hill & Co., real estate, financial, shipping and commission agents, New Westminster, B. C. One of the firm, Herbert J. Ross, was for ten years junior member of the lumber firm of W. J. Ross & Son, Ross Mills, P. Q. For the past two years he has been in B. C. engaged in the lumber commission business and inspecting shipments. The firm buy and sell property for non-residents, and they are prepared to supply the most reliable information in regard to lumber and timber properties that can be obtained in the Province. See their card in another column.

AND now comes Dr. George Themous, of Vienna, who has a process for the manufacture of artificial leather from red burchwood. The best wood is taken from 50 to 60 year old trees, cut in the spring, which must be worked up immediately, bark peeled off, steamed, treated with chemicals in a kettle under pressure, and exposed to several operations. From the prepared wood strong and thin pieces are made by means of heavy pressure. The inventor states that a solid sole leather can be obtained which he claims is superior to the animal leather in firmness and durability, and can be worked up in the same way as animal leather, nailed and sewed.

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OUR advices from London indicate that the booking of emigrants to the Dominion, show a decrease of 50 per cent. as compared with 1888. This is partially due to the immense emigration to the Argentine Republic under the stimulus of free passages, and also to Canada's slackened efforts in promoting emigration. So far as Canada is concerned, it would be better for the country if the Government would bend its energies to the development of a scheme to locate our worthy poor upon the unsettled lands in the Northwest, rather than spend money in the promoting of pauper emigration from Europe. Our motto should be.—Our own poor first, last, and all the time.

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REFERRING to the drought that is being experienced on the other side an exchange says: Heavy and continued rains alone will be able to rescue the winter's cut and keep the mills running the season through. The Saginaw lumbermen estimate that the number of feet of logs cut for their mills and now stranded will reach 400,000,000, of which there is a fair probability that 50,000,000 can be floated down. Bay City lumbermen estimate that no more than 30,000,000 feet tributary to them will fail to reach their mills. The Cadillac lumbermen say that 100,000,000 feet are awaiting transportation in Missaukee county, of which one-half is in danger. While Ludington reports the greater part of 100,000,000 feet belonging there endangered unless heavy rains come. Cheboygan reports about 40,000,000 feet in the same predicament, Menominee 200,000,000, Alpena 75,000,000 out of 160,000,000, and Au Sable 80,000,000. From Marquette it is estimated that fully 150,000,000 feet are in the streams waiting for water. 450,000,000 feet of logs are waiting to be driven to Muskegon, over one-fourth in side streams, with every prospect of being "hung up" for the season.

#### EXCHANGE ECHOES.

Ottawa Packet.

It is significant of the northwestward growth of Ontario, and of the benefit the province is deriving from the construction of the Canadian Pacific, that the quarter million dollars in railway subsidies the Government proposes to grant are all for lines in what is practically the new territory opened up by the transcontinental railroad. The Ontario and Rainy River line will benefit a mining and agricultural district at the head of Lake Superior from which much is expected. The Manitoulin and North Shore will increase the facilities for communication with the fairly prosperous settlements on the Manitoulin islands. The Parry Sound line will connect an already large industrial center with the railroad system of the country. All these are in what was not long since regarded as waste territory, but which is now known to afford large possibilities of development. Ontario is certainly going ahead, and the estimate that at the next census she will be found to possess two millions of people is more likely to be under than over the mark.

Ottawa Free Press

If sawdust, slabs, edgings and other saw mill refuse can be put to economic uses in the manufacture of paper, pails, etc., a problem which has caused our lumbermen much uneasiness will be effectually solved. Down in Maine the commercial value of sawdust is estimated at twelve dollars a ton. This does not mean that it will bring that in the market, for it is a drug. But it is worth twice as much as it will bring for fuel if it is put through the process whereby wood alcohol, acetic acid, and other chemicals are extracted. Considerable sawdust is baled and pressed in Maine for fuel, and a Lewiston farmer regards the kiln-dried article worth \$2 a cord to enrich the soil, after first using it as bedding for cattle. Some day it will be found that lumbermen who have allowed their mill refuse

to fall into the Ottawa have been throwing away gold dollars. Some authorities contend that owing to improvements in the methods of making wood pulp the time is not far distant when most of the refuse of the mills may be profitably converted into pulp. Paper for ordinary newspapers can be made from sawdust and shavings. Pulp manufactured from slabs and edgings has a longer fiber, and will consequently produce a better grade of paper. From two to three cords of mill refuse, not including sawdust, will make a ton of pulp worth at present market conditions \$80.

The London Board of Trade Journal

Never except in the wonderfully busy period comprised within the years 1881-82-83, has the shipbuilding trade been so active as it is at present, and the number of men fully employed in it is now very nearly equal to the figures of that time. The great society which represents the iron shipbuilders has now a membership of 27,500, and of these only 1.8 per cent. are returned as out of work. Taking the societies of all the principal branches of the engineering trades connected more or less directly with the shipbuilding, we have a total of 80,803 members, and of these the proportion of unemployed is not more than 2.5 per cent. For the season of the year this figure is unusually low, and is certainly in marked contrast to the return for the corresponding month of last year, when the percentage was about 7 for these branches. So great, in fact, has been the demand for men in these trades, on the north east coast especially, that in some departments a positive scarcity of hands has been experienced.

#### PUBLICATIONS.

We have received from J. H. Brownlee, D. L. S., Brandon, Man., a copy of his new 25 cents indexed map of Manitoba. The map is original and graphic. The fourteen pages of indexing, make a complete guide to the map, which is folded into a neat cover for pocket or office reference. Mr. Brownlee's idea is to supply a reliable low priced map, and we are of opinion that he has succeeded. For further particulars, address J. H. Brownlee, Brandon, Manitoba.

*Saturday Night* is one of the most popular and we may say readable papers issued from the Toronto press. It is a first class society paper, and its stories, thrilling with interest, are the best that can be obtained. The various subjects treated upon by its racy editor denote the masterly pen with which they are written. It is a paper which may be profitably read by every family. Published by the Sheppard Publishing Company limited, 9, Adelaide St. West, Toronto, who are also the publishers of the *Canadian Fireside Weekly*.

Splinters

Messrs. William Rider & Son, publishers of the *Timber Trade Journal*, London, England, are publishing a series of "Timber Trade Hand Books." These books are printed on good paper and well bound. We are in receipt of No 3 of the series, entitled, "How to Select Wood-Working Machinery," by J. Stafford Ransome, associate member of the Institution of Civil Engineers. The object of the work is to point out to intending purchasers the most suitable machine for their purpose, and the qualities to be looked for in such machines: while at the same time showing them the most practical manner of making their inquiries, and putting them in the way of getting at reliable and detailed particulars of their machinery before completing their purchase. The book is illustrated and divided into chapters being originally published in the form of articles in the *Timber Trade Journal*.

#### Measured Lumber.

Statements of lumber measured, at the Ports of Montreal, Lachine and Sorel, for the year ended 30th June, 1888: Square Pine, 6,141 pieces; Flat Pine, 5,278; Round Pine, 942; Square Hemlock, 6,472; Flat Hemlock, 773; Round Hemlock, 1,975; Flat Pine, 727; Cedars, 3,510; Flat mixed, 1,866; Round Pine, 178; Round Spruce, 16; Flat Tamarac, 2,520; Round Hemlock, 615; Flat Hemlock, 334; Flat Ash, 161; Flat Tamarac, 1,158; Square Oak, 16; Hardwood, 776; Square Red Pine, 748; Waxy Pine, stringed, 579; Waxy Red Oak, stringed, 43; Flat Spruce, (lineal), stringed, 289; Sawed lumber for exportation, 1,166,585. Total amount accrued on the above \$1,818.30.